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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

FISCAL YEAR 2003 ESTIMATES

SUMMARY OF CONSULTING SERVICES

NASA uses paid experts and consultants to provide advice and expert input in addition to or beyond that available from its in-house civil service workforce. Management controls are established which assure that before entering into a consultant services arrangement with an individual that there is ample justification presented and that the action is approved at top management levels.

NASA also uses experts and consultants to provide expert advice and input on the selection of experiments for future space missions. The use of these experts and consultants, in addition to NASA civil service personnel, provides the agency with an independent view that assures the selection of experiments likely to have the greatest scientific merit. Other individuals are used to provide independent looks at technical and functional problems in order to provide top management the widest possible range of views before making major decisions.

	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>
Number of Non-Paid Experts and Consultants	394	350	350
Number of Paid Experts and Consultants	59	60	60
Annual FTE Usage	3	3	3
Salaries	233,000	244,000	250,000
Total Salary and Benefits Costs	252,805	264,434	271,309
Travel Costs	532,826	559,467	587,441
Total Costs	785,631	823,901	858,750

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

FISCAL YEAR 2003 BUDGET ESTIMATES

FULL FUNDING FOR FEDERAL RETIREE COSTS (IN MILLIONS OF REAL YEAR DOLLARS)

The Administration has proposed legislation (Budgeting and Managing for Results: Full Funding for Federal Retiree Costs Act of 2001) to require agencies, beginning in FY 2003, to pay the full Government share of the accruing cost of retirement for current CSRS, CIA and Foreign Service employees, the Coast Guard, Public Health Service, and NOAA Commissioned Corps. The legislation also requires agencies to pay the full accruing cost of post-retirement health benefits for current civilian employees and the post-retirement health costs of all retirees (and their dependents/survivors) of the Uniformed Services (DoD, Coast Guard, Public Health Service, and NOAA Commissioned Corps).

	FY 2001	FY 2002	FY 2003
HUMAN SPACE FLIGHT	[45.0]	[43.0]	42.0
SCIENCE, AERONAUTICS AND TECHNOLOGY	[58.0]	[67.0]	74.0
INSPECTOR GENERAL	[1.0]	[1.0]	1.0
TOTAL	[104.0]	[111.0]	117.0

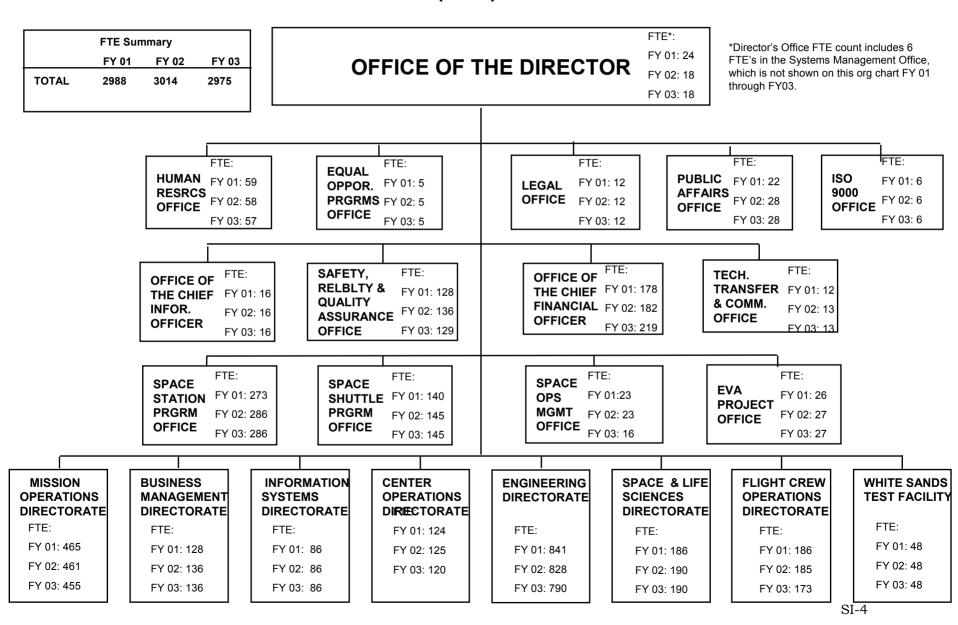
A distribution by enterprise and revised agency totals are shown on the next page.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION FISCAL YEAR 2003 ESTIMATES (IN MILLIONS OF REAL YEAR DOLLAR) FEDERAL RETIREES COST DISTRIBUTED BY ENTERPRISE

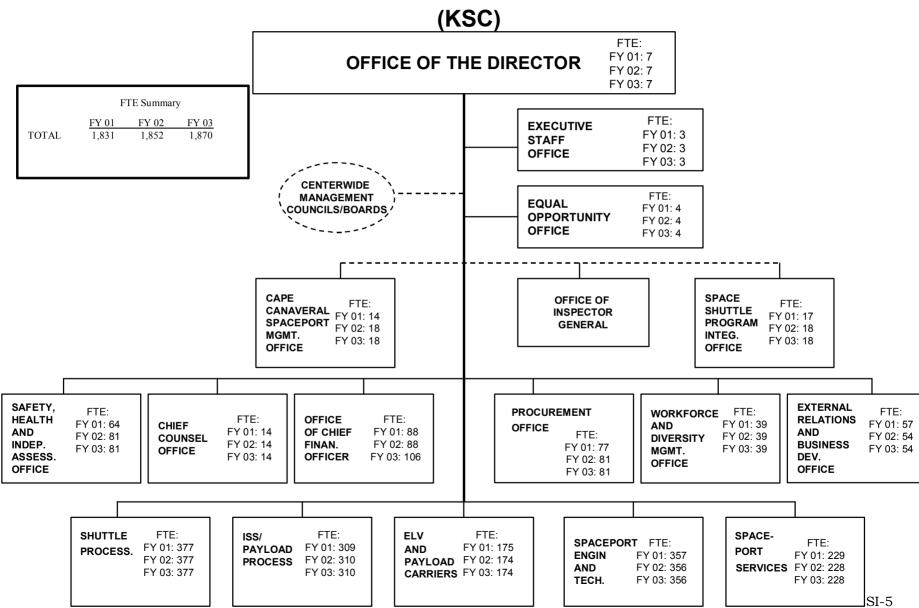
For Display Purposes Only		FY 2002 EXCLUDES EMERGENCY	FY 2002 INCLUDES EMERGENCY	
	FY 2001	RESPONSE FUNDS	RESPONSE FUNDS	FY 2003
HUMAN SPACE FLIGHT	7,198.5	6,797.1	<u>6,873.1</u>	6,172.9
INTERNATIONAL SPACE STATION	2,127.8	1,721.7	1,721.7	1,492.1
SPACE SHUTTLE	3,118.8	3,272.8	3,272.8	3,208.0
PAYLOAD & ELV SUPPORT	90.0	91.3	91.3	87.5
HEDS INVESTMENTS AND SUPPORT	1,292.8	1,181.5	1,257.5	1,220.2
SPACE COMMUNICATIONS & DATA SYSTEMS	521.7	482.2	482.2	117.5
SAFETY, MISSION ASSURANCE &		47.6		
ENGINEERING	47.4		47.6	47.6
SCIENCE, AERONAUTICS & TECHNOLOGY	7,134.5	8,082.3	8,114.8	8,918.5
SPACE SCIENCE	2,617.6	2,872.7	2,880.1	3,428.3
BIOLOGICAL & PHYSICAL RESEARCH	365.2	823.5	828.0	851.3
EARTH SCIENCE	1,771.2	1,631.2	1,635.7	1,639.4
AEROSPACE TECHNOLOGY	2,247.8	2,527.6	2,543.7	2,855.6
ACADEMIC PROGRAMS	132.7	227.3	227.3	143.7
INSPECTOR GENERAL	<u>23.9</u>	<u>24.7</u>	<u>24.7</u>	<u>25.6</u>
SUBTOTAL AGENCY	14,357.2	14,904.2	15,012.7	15,117.0
EMERGENCY RESPONSE FUND		108.5		
TOTAL AGENCY		15,012.7		

^{*}FY 2001 restructured to reflect new FY 2002 Two Appropriation Structure

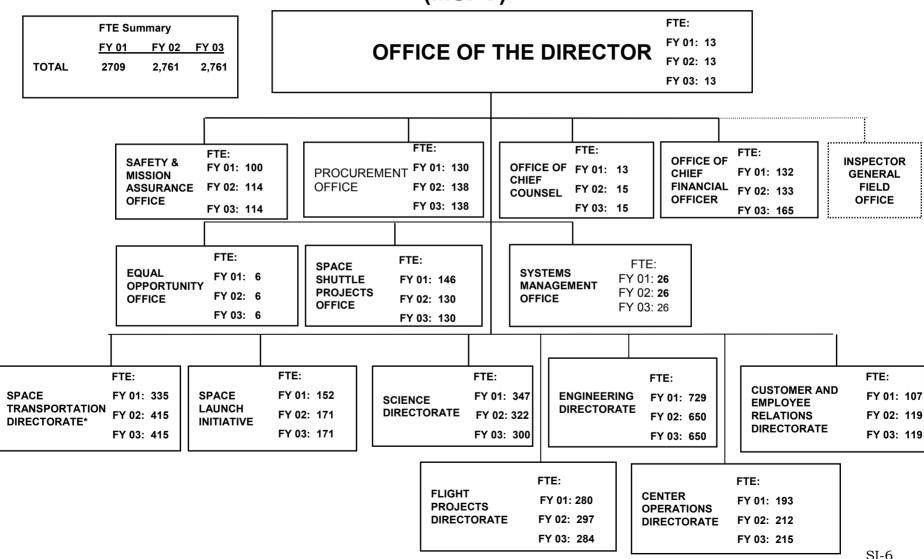
LYNDON B. JOHNSON SPACE CENTER (JSC)



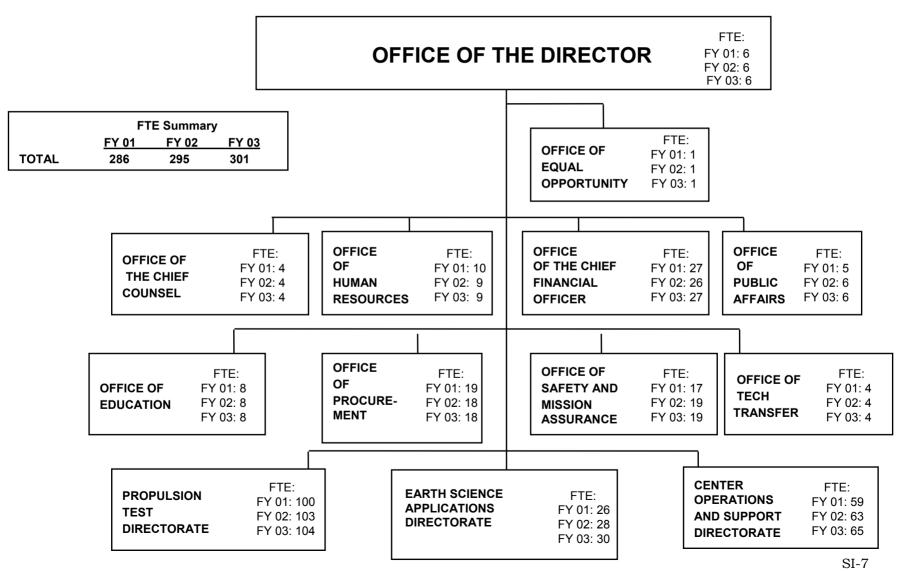
JOHN F. KENNEDY SPACE CENTER



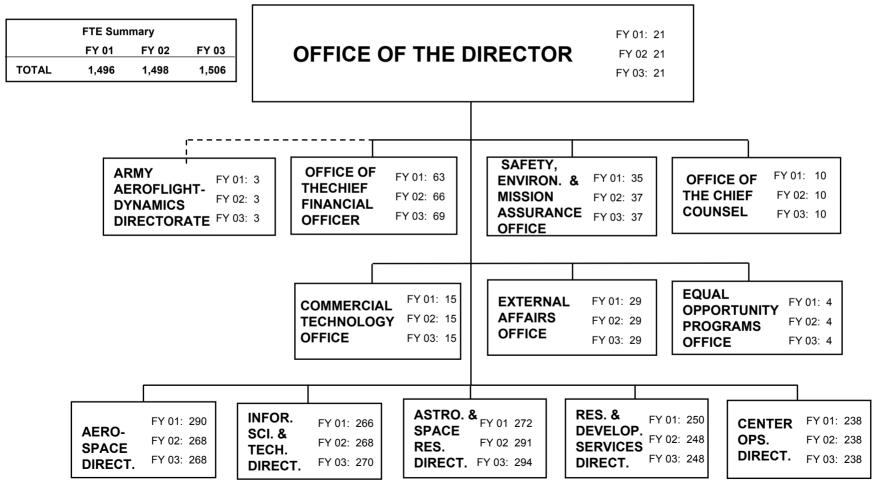
MARSHALL SPACE FLIGHT CENTER (MSFC)



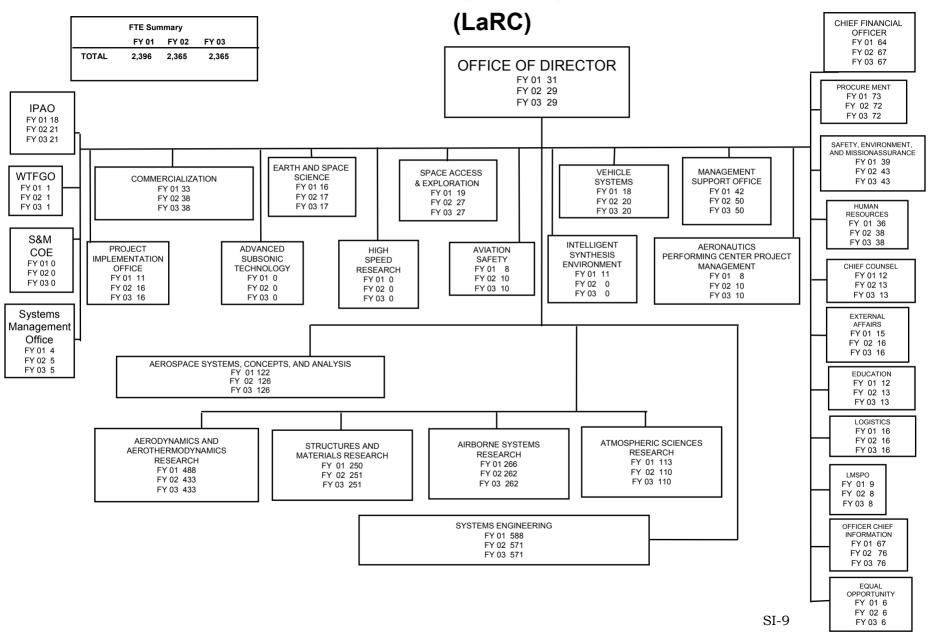
JOHN C. STENNIS SPACE CENTER (SSC)



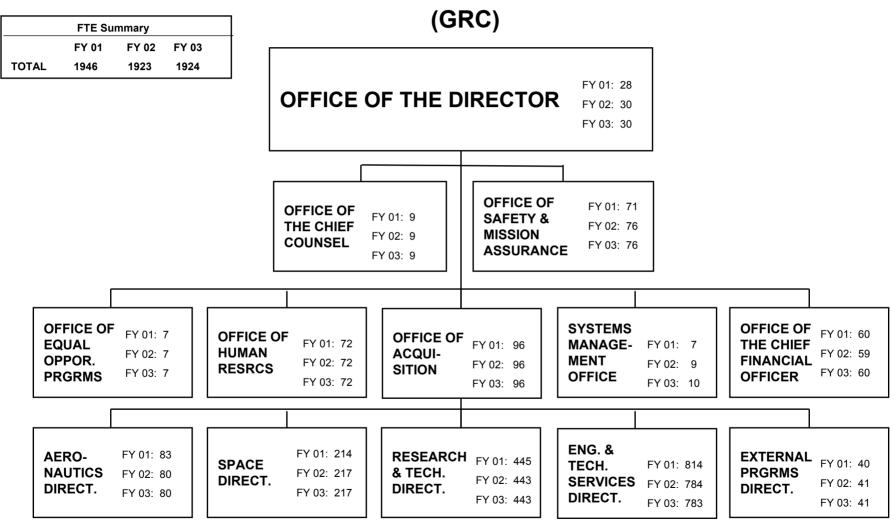
AMES RESEARCH CENTER (ARC)



LANGLEY RESEARCH CENTER

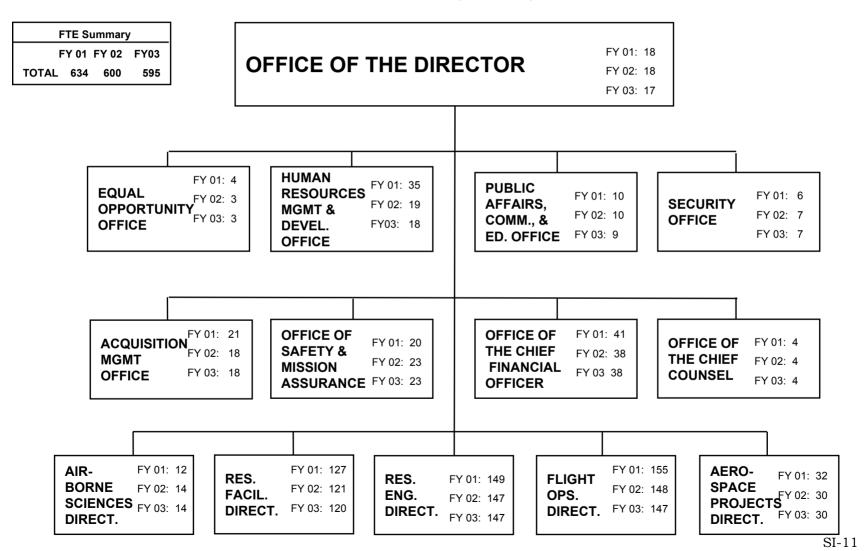


JOHN H. GLENN RESEARCH CENTER at LEWIS FIELD

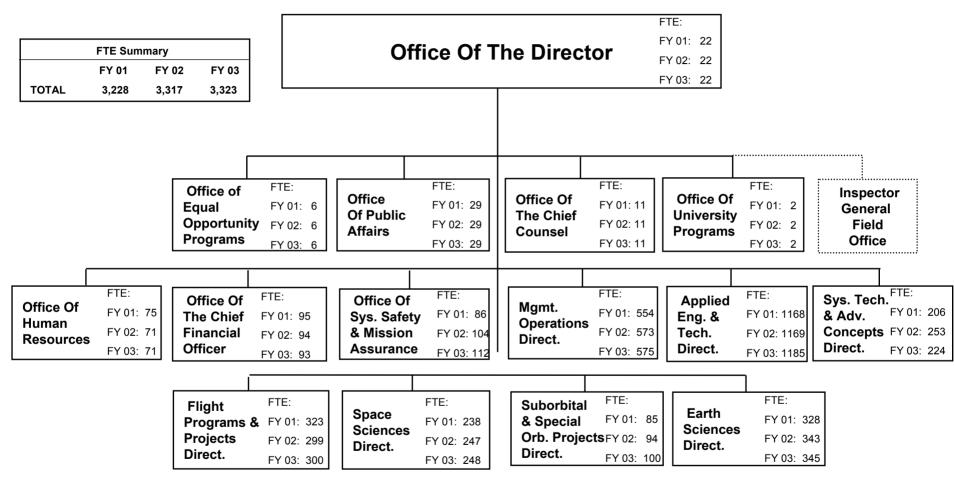


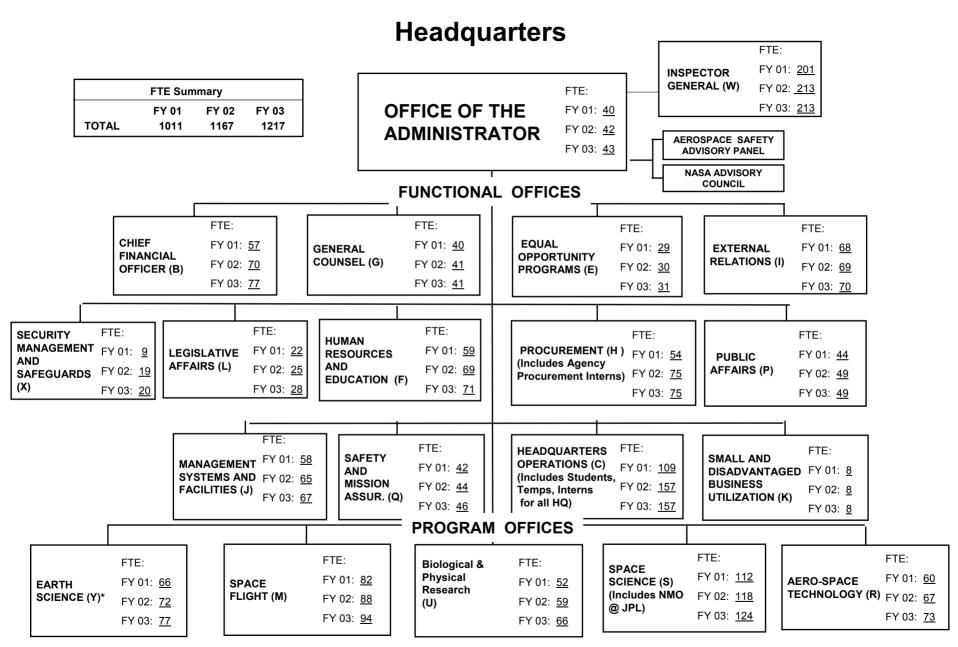
DRYDEN FLIGHT RESEARCH CENTER

(DFRC) 12/13/01



GODDARD SPACE FLIGHT CENTER (GSFC)





OBJECT CLASSIFICATION (FY 2003 CONGRESSIONAL BUDGET) (MILLIONS OF DOLLARS) PO/CENTER: NASA TOTAL TOTAL SAT & HSF

			FY 2001	FY 2002	FY 2003
	DIRECT OBLIGATIONS				
11	PERSONNEL COMPENSATION		1,409.7	1,505.9	1,596.6
12	PERSONNEL BENEFITS (CIVIL	, + PCS)	312.9	334.0	354.5
13	BENEFITS TO FORMER PERSO	ONNEL	2.1	0.1	0.2
21	TRAVEL & TRANSP OF PERSO	NS	53.1	54.7	59.2
22	TRANSPORTATION OF THINGS	3	4.1	2.6	2.9
25	OTHER SERVICES		494.5	686.6	626.0
25	OTHER SERVICES (sal/bene +	tvl)	63.9	51.9	59.6
25	OTHER SERVICES (ROS)*		430.6	634.7	566.4
	Emergency Response Fund (no	n-add)		(108.5)	(40.0)
		_	2,276.4	2,583.9	2,639.4
	Ţ	SAT		1,572.3	1,645.7
		<u>HSF</u>		<u>1,011.6</u>	<u>993.7</u>
		TOTAL		2,583.9	2,639.4

^{*}For this exercise, ROS funding has been included in OC25 only Note: totals may not add due to rounding Funding for Retirees Cost Not Inlcuded

The Object Class Structure is a 4-digit field established to classify financial transactions by object class code for accoun and budgeting purposes. The first 2 digits will uniformy identify the classifications prescribed by the Office of Managem and Budget (OMB). See OMB Circular A-12 for detailed explanation of the individual object classes.

OBJECT CLASSIFICATION (FY 2003 CONGRESSIONAL BUDGET) (MILLIONS OF DOLLARS) PO/CENTER: JOHNSON

TOTAL SAT & HSF

	FY 2001	FY 2002	FY 2003
DIRECT OBLIGATIONS			
11 PERSONNEL COMPENSATION	250.0	267.8	279.8
12 PERSONNEL BENEFITS (CIVIL + PCS)	53.6	54.8	59.2
13 BENEFITS TO FORMER PERSONNEL	0.1	0.0	0.0
21 TRAVEL & TRANSP OF PERSONS	8.4	8.9	8.9
22 TRANSPORTATION OF THINGS	1.1	0.3	0.3
25 OTHER SERVICES	52.5	63.4	56.5
25 OTHER SERVICES (sal/bene + tvl)	7.9	4.0	5.1
25 OTHER SERVICES (ros)*	44.6	59.4	51.4
Emergency Response Fund (non-add)		(13.3)	(4.7)
_	365.8	395.2	404.7
-		·	

SAT	38.0	38.3
<u>HSF</u>	<u>357.2</u>	<u>366.4</u>
TOTAL	395.2	404.7

^{*}For this exercise, ROS funding has been included in OC25 only $\,$

OBJECT CLASSIFICATION (FY 2003 CONGRESSIONAL BUDGET) (MILLIONS OF DOLLARS)

PO/CENTER: KENNEDY TOTAL SAT & HSF

	<u>FY 2001</u>	FY 2002	FY 2003
DIRECT OBLIGATIONS			
11 PERSONNEL COMPENSATION	131.4	139.4	148.5
12 PERSONNEL BENEFITS (CIVIL + PCS)	33.8	33.1	35.6
13 BENEFITS TO FORMER PERSONNEL	0.1	0.0	0.0
21 TRAVEL & TRANSP OF PERSONS	5.8	5.6	5.6
		0.0	0.0
22 TRANSPORTATION OF THINGS	0.4	0.3	0.3
OF OTHER GERVICES	70 F	107 1	00.7
25 OTHER SERVICES	78.5	127.1	99.7
25 OTHER SERVICES (sal/bene + tvl)	3.7	2.9	2.2
25 OTHER SERVICES (ros)*	74.8	124.2	97.5
Emergency Response Fund (non-add)		(50.1)	(16.0)
<u> </u>	250.0	305.4	289.6
=			

SAT	8.9	9.5
<u>HSF</u>	<u>296.5</u>	<u>280.1</u>
TOTAL	305.4	289.6

^{*}For this exercise, ROS funding has been included in OC25 only $\,$

OBJECT CLASSIFICATION (FY 2003 CONGRESSIONAL BUDGET) (MILLIONS OF DOLLARS) PO/CENTER: MARSHALL

TOTAL SAT & HSF

		<u>FY 2001</u>	FY 2002	FY 2003
	DIRECT OBLIGATIONS			
11	PERSONNEL COMPENSATION	197.0	211.3	227.9
12	PERSONNEL BENEFITS (CIVIL + PCS)	46.7	50.0	53.9
13	BENEFITS TO FORMER PERSONNEL	0.0	0.0	0.0
21	TRAVEL & TRANSP OF PERSONS	7.8	6.4	6.3
22	TRANSPORTATION OF THINGS	0.7	0.0	0.6
25	OTHER SERVICES	61.2	61.4	62.6
25	OTHER SERVICES (sal/bene + tvl)	8.1	2.0	4.0
25	OTHER SERVICES (ros)*	53.1	59.4	58.6
	Emergency Response Fund (non-add)		(3.9)	(2.3)
		313.4	329.1	351.3

SAT	186.6	200.2
<u>HSF</u>	<u>142.5</u>	<u>151.1</u>
TOTAL	329.1	351.3

^{*}For this exercise, ROS funding has been included in OC25 only

OBJECT CLASSIFICATION (FY 2003 CONGRESSIONAL BUDGET) (MILLIONS OF DOLLARS) PO/CENTER: STENNIS

TOTAL SAT & HSF

	<u>FY 2001</u>	<u>FY 2002</u>	FY 2003
DIRECT OBLIGATIONS			
11 PERSONNEL COMPENSATION	18.3	20.1	20.8
12 PERSONNEL BENEFITS (CIVIL + PCS)	4.9	4.6	4.9
13 BENEFITS TO FORMER PERSONNEL	0.0	0.0	0.0
21 TRAVEL & TRANSP OF PERSONS	0.8	0.8	0.7
21 TRAVEL & TRANSF OF FERSONS	0.8	0.8	0.7
22 TRANSPORTATION OF THINGS	0.3	0.1	0.1
25 OTHER SERVICES	18.1	22.7	23.1
25 OTHER SERVICES (sal/bene + tvl)	0.9	0.4	0.4
25 OTHER SERVICES (ros)*	17.2	22.3	22.7
Emergency Response Fund (non-add)		(1.6)	(1.7)
	42.3	48.2	49.6

TOTAL	48.2	49.6
<u>HSF</u>	<u>24.0</u>	<u>24.4</u>
SAT	24.2	25.2

^{*}For this exercise, ROS funding has been included in OC25 only $\,$

OBJECT CLASSIFICATION (FY 2003 CONGRESSIONAL BUDGET) (MILLIONS OF DOLLARS)

PO/CENTER: AMES TOTAL SAT & HSF

	,	194.2	215.9	214.5
	Emergency Response Fund (non-add)		(18.9)	(3.3)
25	OTHER SERVICES (ros)*	33.3	48.9	33.8
25	OTHER SERVICES (sal/bene + tvl)	3.4	1.3	1.9
25	OTHER SERVICES	36.7	50.2	35.7
22	TRANSPORTATION OF THINGS	0.0	0.3	0.2
21	TRAVEL & TRANSP OF PERSONS	3.8	3.8	4.7
13	BENEFITS TO FORMER PERSONNEL	0.1	0.0	0.0
12	PERSONNEL BENEFITS (CIVIL + PCS)	27.0	29.7	32.8
11	DIRECT OBLIGATIONS PERSONNEL COMPENSATION	126.6	132.0	141.1
		<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>

TOTAL	215.9	214.5
<u>HSF</u>	<u>8.3</u>	<u>2.3</u>
SAT	207.6	212.2

^{*}For this exercise, ROS funding has been included in OC25 only

OBJECT CLASSIFICATION (FY 2003 CONGRESSIONAL BUDGET) (MILLIONS OF DOLLARS) PO/CENTER: LANGLEY

TOTAL SAT & HSF

		<u>FY 2001</u>	FY 2002	FY 2003
	DIRECT OBLIGATIONS			
11	PERSONNEL COMPENSATION	169.1	176.9	186.8
12	PERSONNEL BENEFITS (CIVIL + PCS)	36.2	39.2	41.7
13	BENEFITS TO FORMER PERSONNEL	1.1	0.0	0.0
21	TRAVEL & TRANSP OF PERSONS	5.5	5.1	6.1
22	TRANSPORTATION OF THINGS	0.3	0.3	0.3
25	OTHER SERVICES	25.5	24.9	23.7
25	OTHER SERVICES (sal/bene + tvl)	5.4	3.2	2.7
25	OTHER SERVICES (ros)*	20.1	21.7	21.0
	Emergency Response Fund (non-add)		(1.2)	(1.4)
		237.8	246.3	258.6

SAT	241.1	253.1
<u>HSF</u>	<u>5.2</u>	<u>5.5</u>
TOTAL	246.3	258.6

^{*}For this exercise, ROS funding has been included in OC25 only $\,$

OBJECT CLASSIFICATION (FY 2003 CONGRESSIONAL BUDGET) (MILLIONS OF DOLLARS)

PO/CENTER: GLENN TOTAL SAT & HSF

	<u>FY 2001</u>	FY 2002	FY 2003
DIRECT OBLIGATIONS			
11 PERSONNEL COMPENSATION	140.5	145.8	154.0
12 PERSONNEL BENEFITS (CIVIL + PCS)	30.4	32.8	34.7
13 BENEFITS TO FORMER PERSONNEL	0.2	0.0	0.0
21 TRAVEL & TRANSP OF PERSONS	3.9	4.0	4.7
22 TRANSPORTATION OF THINGS	0.0	0.2	0.2
25 OTHER SERVICES	30.1	33.4	30.3
25 OTHER SERVICES (sal/bene + tvl)	5.0	4.6	3.3
25 OTHER SERVICES (ros)*	25.1	28.8	27.0
Emergency Response Fund (non-add)		(1.7)	(1.8)
_	205.1	216.2	223.9
			

SAT	203.3	212.1
<u>HSF</u>	<u>12.9</u>	<u>11.8</u>
TOTAL	216.2	223.9

^{*}For this exercise, ROS funding has been included in OC25 only

OBJECT CLASSIFICATION (FY 2003 CONGRESSIONAL BUDGET) (MILLIONS OF DOLLARS) PO/CENTER: DRYDEN

TOTAL SAT & HSF

	<u>FY 2001</u>	FY 2002	FY 2003
DIRECT OBLIGATIONS			
11 PERSONNEL COMPENSATION	45.7	45.5	47.7
12 PERSONNEL BENEFITS (CIVIL + PCS)	10.2	10.6	10.9
13 BENEFITS TO FORMER PERSONNEL	0.0	0.0	0.0
21 TRAVEL & TRANSP OF PERSONS	1.5	1.5	1.8
		0.4	0.0
22 TRANSPORTATION OF THINGS	0.1	0.1	0.2
OF OWNED OFDINGES	4 7	F 7	6.2
25 OTHER SERVICES	4.7	5.7	6.3
25 OTHER SERVICES (sal/bene + tvl)	1.7	1.1	0.9
25 OTHER SERVICES (ros)*	3.0	4.6	5.4
Emergency Response Fund (non-add)		(1.5)	(1.7)
	62.2	63.4	67.0
•	·		

SAT	60.3	63.6
<u>HSF</u>	<u>3.4</u>	<u>3.4</u>
TOTAL	63.7	67.0

^{*}For this exercise, ROS funding has been included in OC25 only

OBJECT CLASSIFICATION (FY 2003 CONGRESSIONAL BUDGET) (MILLIONS OF DOLLARS) PO/CENTER: GODDARD

TOTAL SAT & HSF

		<u>FY 2001</u>	FY 2002	<u>FY 2003</u>
	DIRECT OBLIGATIONS			
11	PERSONNEL COMPENSATION	242.6	257.2	269.7
12	PERSONNEL BENEFITS (CIVIL + PCS)	52.3	55.7	57.6
13	BENEFITS TO FORMER PERSONNEL	0.4	0.0	0.0
21	TRAVEL & TRANSP OF PERSONS	7.7	7.6	7.7
22	TRANSPORTATION OF THINGS	0.8	0.8	0.6
25	OTHER SERVICES	65.2	63.1	60.0
25	OTHER SERVICES (sal/bene + tvl)	8.4	5.8	5.7
25	OTHER SERVICES (ros)*	56.8	57.3	54.3
	Emergency Response Fund (non-add)		(2.1)	(2.5)
		369.1	384.4	395.6

SAT	333.3	352.3
<u>HSF</u>	<u>51.1</u>	<u>43.3</u>
TOTAL	384.4	395.6

^{*}For this exercise, ROS funding has been included in OC25 only $\,$

OBJECT CLASSIFICATION (FY 2003 CONGRESSIONAL BUDGET) (MILLIONS OF DOLLARS) PO/CENTER: HEADQUARTERS TOTAL SAT & HSF

(includes ROS funding to JPL)

		<u>FY 2001</u>	FY 2002	FY 2003
	DIRECT OBLIGATIONS			
11	PERSONNEL COMPENSATION	88.4	110.2	120.4
12	PERSONNEL BENEFITS (CIVIL + PCS)	17.8	23.5	23.3
13	BENEFITS TO FORMER PERSONNEL	0.1	0.1	0.2
21	TRAVEL & TRANSP OF PERSONS	8.0	11.1	12.7
22	TRANSPORTATION OF THINGS	0.3	0.3	0.1
25	OTHER SERVICES	121.8	234.7	228.1
25	OTHER SERVICES (sal/bene + tvl)	19.2	26.6	33.4
25	OTHER SERVICES (ros)*	102.6	208.1	194.7
	Emergency Response Fund (non-add)		(11.4)	(4.6)
		236.5	379.9	384.8
	C.L.		250.2	272.2

SAT	269.3	279.3
<u>HSF</u>	<u>110.6</u>	<u>105.5</u>
TOTAL	379.9	384.8

^{*}For this exercise, ROS funding has been included in OC25 only